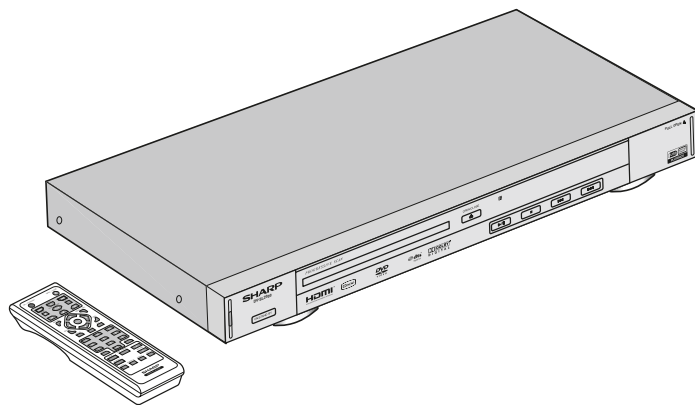




Thank you for purchasing this SHARP product. To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product.



SHARP CORPORATION



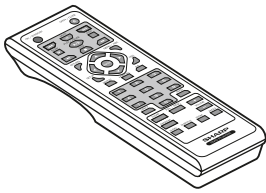
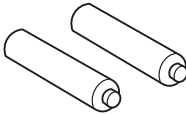
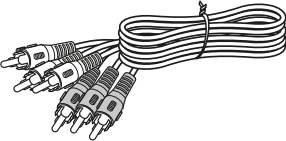
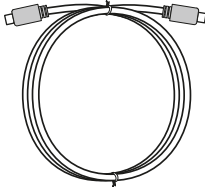
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Accessories

Please confirm that the following accessories are included.

 Remote control x 1	 "AAA" (UM-4, R03, HP-16 or similar) x 2
 Audio / Video cable x 1	 HDMI cable x 1

Note:

Only the above accessories are included.



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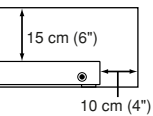
DV-SL2000W

Page		Page
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..... 4	To change the subtitle language	34
..... 5	To change the audio language (audio output)	34
..... 6 - 7	To change the TV type	35
	To change the HDMI resolution type	35
	To change the display on TV screen	35
..... 8 - 11	■ Video CD and Super Video CD Operation	
ility 12 - 13	Video CD and Super Video CD operation	
..... 14 - 18	Playback of a video CD (super video CD) with P.B.C. ON	36
	Random play	37
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..... 19	To play without activating the playback control function	38
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..... 30	■ Advanced Feature	
..... 30	Enjoying various sounds	45
..... 31	■ References	
..... 31	Troubleshooting chart	46 - 47
..... 32	Error indicators and warnings	48
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disc menu ... 33	Copyright	49

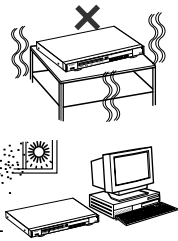




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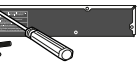
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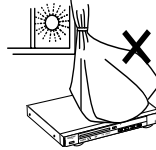
ce facility.



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- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.



- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- This unit should only be used within the range of 5°C - 35°C (41°F - 95°F).

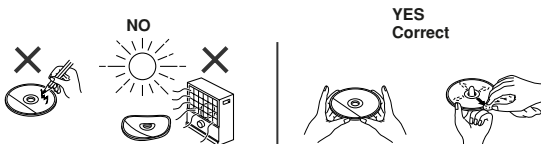
Warning:

The voltage used must be the same as that specified on this unit. Using this product with a higher voltage other than that which is specified is dangerous and may result in a fire or other type of accident causing damage. SHARP will not be held responsible for any damage resulting from use of this unit with a voltage other than that which is specified.

Care of DVD/CD discs

DVD/CD discs are fairly resistant to damage, however mistracking can occur due to an accumulation of dirt on the disc surface. Follow the guidelines below for maximum enjoyment from your DVD/CD collection and player.

- Do not write on either side of the disc, particularly the non-label side from which signals are read. Do not mark this surface.
- Keep your discs away from direct sunlight, heat, and excessive moisture.
- Always hold the DVD/CDs by the edges. Fingerprints, dirt, or water on the DVD/CDs can cause noise or mistracking. If a DVD/CD is dirty or does not play properly, clean it with a soft, dry cloth, wiping straight out from the centre, along the radius.





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Contents

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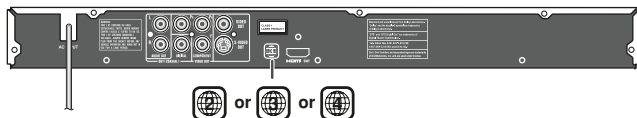
d video
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display "over file

Types of playable DVD discs vary depending on the region. This unit can play back only DVDs with the same region number as written on the back of the unit.



Icons used in this operation manual

Some functions may not be available depending on discs. The following icons indicate the discs that can be used in the section.

- DVD** ... Indicates DVDs.
- SVCD** ... Indicates Super video CDs.
- VCD** ... Indicates video CDs.
- CD** ... Indicates audio CDs.
- JPEG** ... Indicates CD-R/RW with JPEG recording.
- DivX** ... Indicates DivX® Video.

- Some operations may not be performed depending on discs even if they are described in this manual.
- During operation, "INVALID KEY" may be displayed on the screen. This means that the operations described in this manual are not possible.

Copyright Information:

- Unauthorised copying, broadcast, public display, transmission, public performance and rental (regardless of whether or not such activities are for profit) of disc contents are prohibited by law.
- This system is equipped with copy protection technology that causes substantial degradation of images when the contents of a disc are copied to a videotape.
- This system is protected by U. S. patents and other intellectual property rights, the copyright for which belongs to Macrovision Corporation. The use of Macrovision's copy protection technology in the system is authorised by Macrovision and is intended for home use only, unless otherwise authorised in writing by Macrovision. Reverse engineering or disassembly is prohibited.

DV-SL2000W

General Information





■ Icons used on DVD discs

Check the icons on the DVD case before playing your discs.

Display		Description
Region number (playable area number)		DVD discs are programmed with region numbers indicating countries in which they can be played. This system can play discs with region number on the back of the unit.
Format recorded on the DVD		To adopt the video format to the connected TVs ("wide-screen TV" or "4:3 size TV").
	Recorded in 4:3.	
	You can enjoy wide images on a wide-screen TV, and letterbox size images on the 4:3 size TV.	
	You can enjoy wide images on a wide-screen TV and 4:3 images with the side edges cut on the 4:3 size TV.	
Type of subtitles recorded Example: 1: English 2: French		Recorded subtitle languages.
		Language can be selected with the SUBTITLE button.
Number of camera angles 		Number of angles recorded on the DVD. Angles can be selected with the ANGLE button.
Number of audio tracks and audio recording systems Example: 1: Original <English> (DTS 5.1 Surround) 2: English (Dolby Digital 5.1 Surround)		The number of audio tracks and audio recording systems are indicated. ● The audio recorded on the DVD can be switched by using the AUDIO button. ● The number of audio tracks and recording systems vary depending on the DVD. Check them in the DVD's manual.

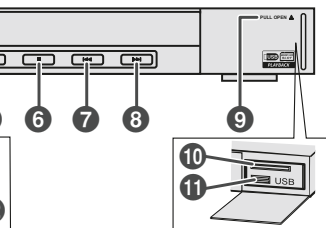


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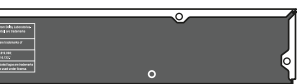


DV-SL2000W



- 1) ON/STAND-BY Button
- 2) Disc Tray
- 3) Disc Tray Open/Close Button
- 4) Remote Sensor
- 5) Play or Pause Button
- 6) Stop Button
- 7) Chapter (track) Skip down
- 8) Chapter (track) Skip up
- 9) USB/SD Door
- 10) SD Terminal
- 11) USB Terminal
- 12) DVD Indicator
- 13) Play Indicator
- 14) A-B Repeat Indicator
- 15) Repeat Indicator
- 16) SVCD/VCD/CD Indicator
- 17) MP3 Indicator
- 18) Pause Indicator
- 19) DTS Signal Indicator
- 20) Programme Indicator
- 21) Random Indicator
- 22) Dolby Digital Signal Indicator

- 1) Audio Output Sockets
- 2) Component Video Output Sockets
- 3) Video Output Socket
- 4) AC Power Lead
- 5) Digital Output Socket (Coaxial)
- 6) S-Video Output Socket
- 7) HDMI Output Socket



General Information





Continued)

Remote control

Reference page

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2. On/Stand-by Button	20, 26
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6. Fast Backward Button	28
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8. Return Button	36
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10. Setup Button	20
11. Repeat Play Button	32, 39
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13. Direct Button	29, 38
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18. Disc Tray Open/Close Button	26
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20. Chapter (track) Skip Up Button	28, 36
21. Step Button (Frame by Frame Advance Playback)	30
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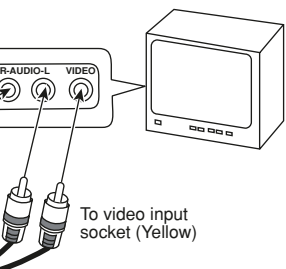
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nal TV



TV with Audio/Video input sockets



Turn off the power
connections have

OUT sockets of
connect it to the TV

back picture will

DV-SL2000W

System Connections



al TV (continued)

Using the COMPONENT VIDEO OUT sockets

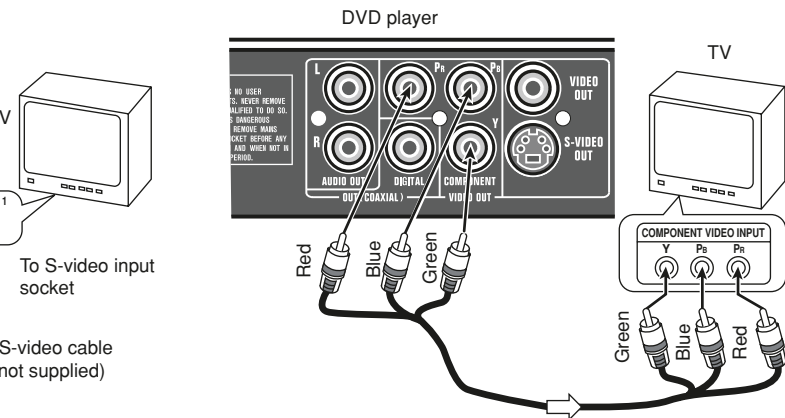
Notes:

Please follow the steps before turn on the power.

1. If your TV has the component video input sockets, connect the DVD player to these sockets. (The VIDEO OUT or S-VIDEO OUT socket connection is not necessary.)

You can enjoy high quality picture playback.

2. You also need to connect the left and right audio cables to the AUDIO OUT sockets of DVD player and the Audio input sockets of the TV.



*Component video cable (not supplied)



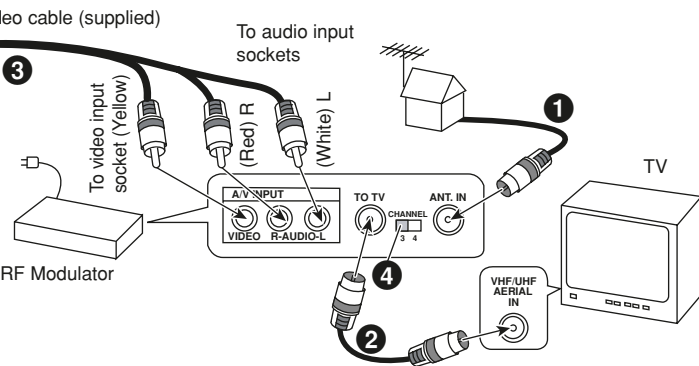
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DV-SL2000W

ial terminal only,



terminal of the RF

between the TO TV
N terminal of the

AUDIO OUT and
PUT and VIDEO

4. Turn on the TV, and set the channel number (CHANNEL 3 or CHANNEL 4) on both TV and RF Modulator, whichever is not used for regular broadcast in your area.

Note:

For more details, please refer to the instruction manual of the RF Modulator.

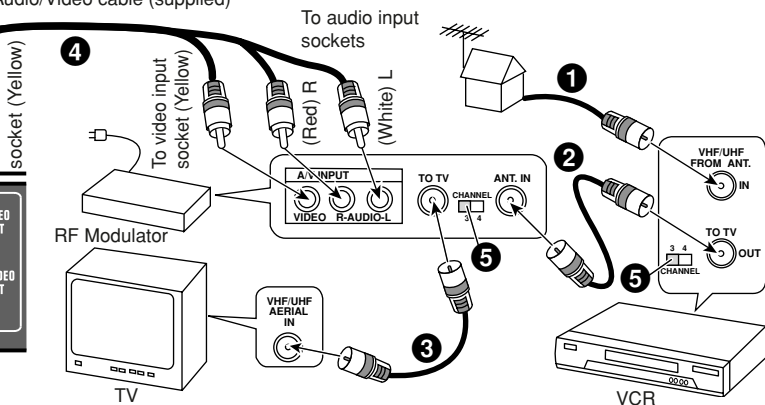
System Connections



al TV (continued)

Directions

Audio/Video cable (supplied)



the VHF/UHF FROM
between the TO TV OUT
RF Modulator.
between the TO TV
AERIAL IN terminal of the

4. Connect the Audio/Video cable (supplied) between the AUDIO OUT and VIDEO OUT sockets of the DVD player and the AUDIO INPUT and VIDEO INPUT sockets of the RF Modulator.
5. Turn on the TV, and set the channel number (CHANNEL 3 or CHANNEL 4) on all TV, VCR and RF Modulator, whichever is not used for regular broadcasts in your area.

Note:

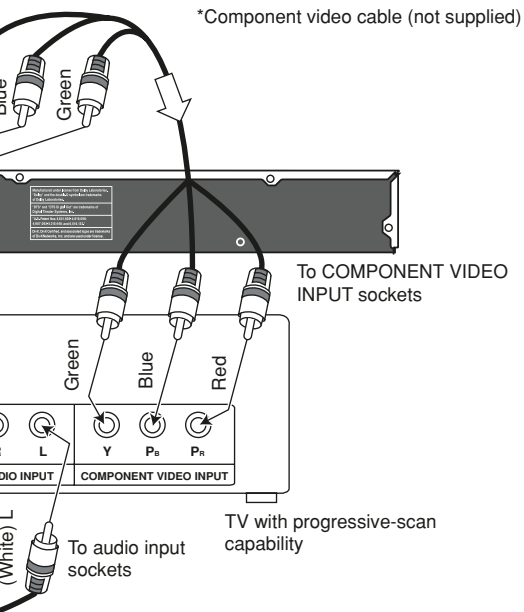
For more details, please refer to the instruction manual of the RF Modulator.



Progressive-scan capability

DV-SL2000W

and have component video input capability.



*Please consult your local audio/video dealer.

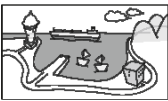
sockets of the TV.
s not encourage.)
to the AUDIO OUT
TV.
page 21)

System Connections





Progressive-scan capability (continued)



in two fields, progressive scanning creates one frame in one field.
and with 30 frames (60 fields), but progressive scanning constitutes it with 60 frames from scratch.
with high resolution for still image or other picture containing long texts or horizontal lines.
tem.



are to turn off the power and disconnect both units from the wall socket until all the connections have been
The playback picture will be distorted because DVD video discs are copy protected.

CONNECTIONS".

ifier.
r, be sure to turn off the power and disconnect both units from the wall socket until all the connections



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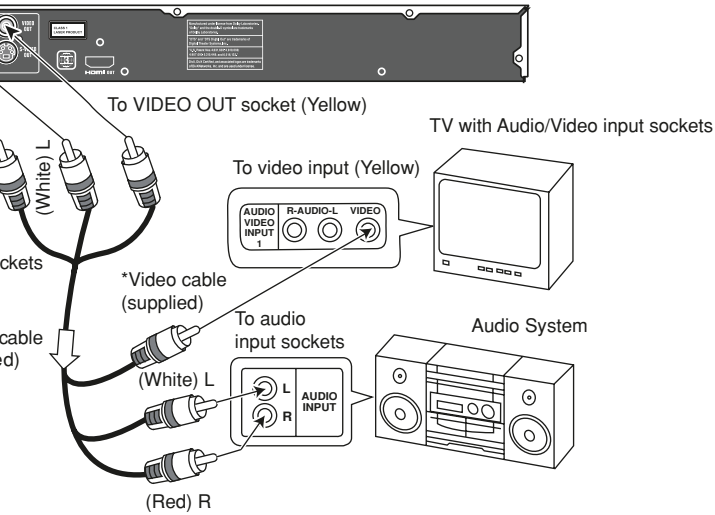




DV-SL2000W

TV

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* Please consult your local audio/video dealer.

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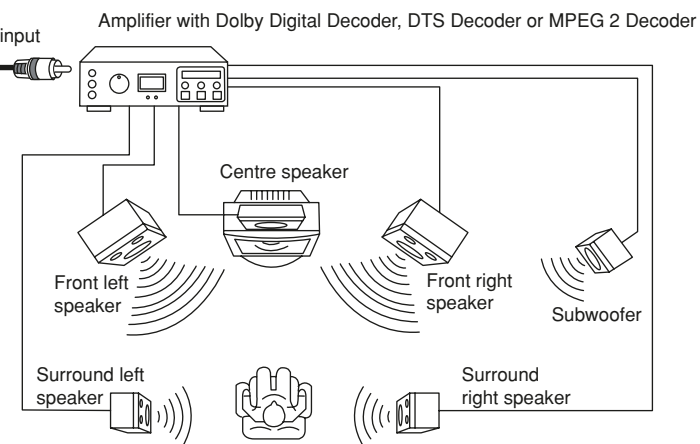
System Connections





Continued)

Dolby Digital Decoder or DTS Decoder



* Please consult your local audio/video dealer.

2". (See page 21)

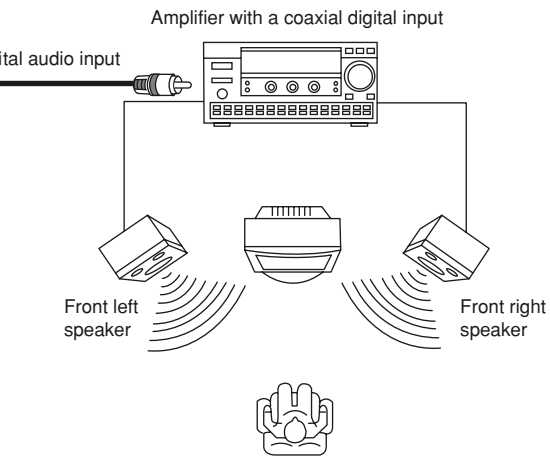


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DV-SL2000W



(see page 21)

* Please consult your local audio/video dealer.



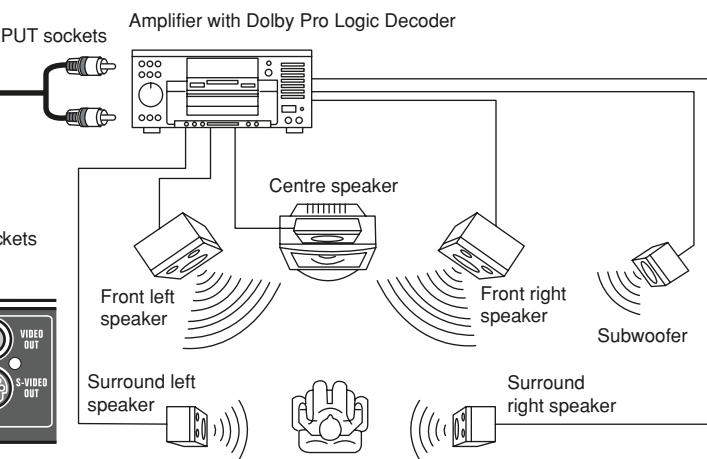
System Connections





Continued)

Dolby Pro Logic Decoder



* Please consult your local audio/video dealer.



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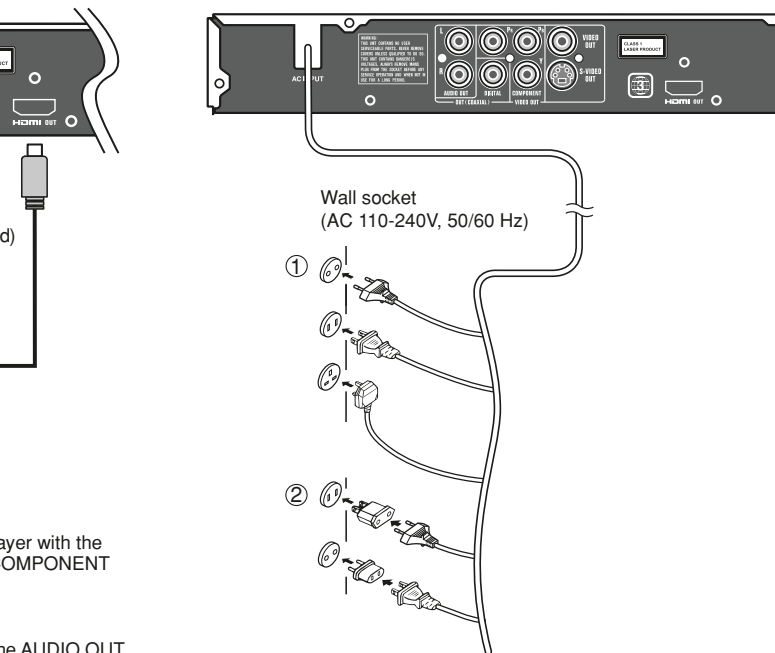




DV-SL2000W

■ Connecting the AC power lead

After checking all the connections have been made correctly, plug the AC power lead of this unit into the wall socket.



Note:

Unplug the AC power lead from the wall socket if the unit will not be used for a prolonged period of time.

AC Plug Adaptor

In areas (or countries) where a wall socket as shown in illustration ② is used, connect the unit using the AC plug adaptor supplied with the unit, as illustrated. The AC plug adaptor is not included in areas where the wall socket and AC power plug can be directly connected (see illustration ①).

System Connections

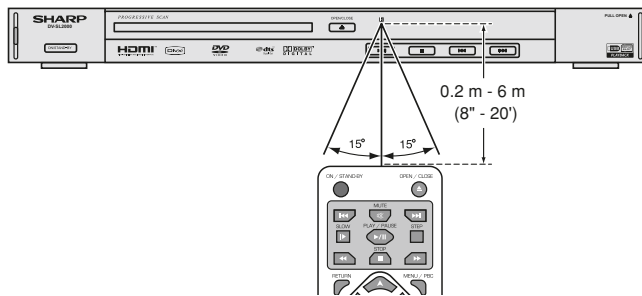


Turning the power on

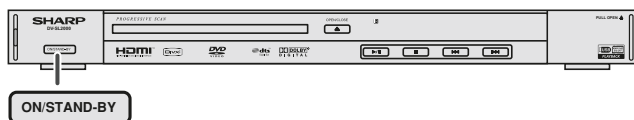
■ Test of the remote control

Check the remote control operation after making all the connections.
Point the remote control directly at the remote sensor on the unit.

The remote control can be used within the range shown below:
Press the ON/STAND-BY button. Does the power turn on? Now, you can enjoy your system.



■ To turn the power on



Press the ON/STAND-BY button:

If the power does not turn on, check the AC power lead is plugged in properly.



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DV-SL2000W

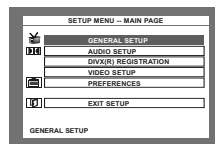
VIDEO 2",

1 Press the ON/STAND-BY button to turn the power on.

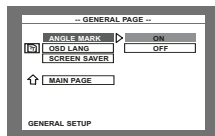
- The startup screen appears.
- If the startup screen is blurred, press the PAL / NTSC button repeatedly to change the TV type.

**2 Press the SETUP button.****3 Press the ▲ or ▼ button to select a menu and press the ENTER button.**

See the list on pages 21 - 24 for setup menu.

**4 Press the ▲, ▼, ◀ or ▶ button to change the setting and press the ENTER button.**

- See the list on pages 21 - 24 for the selectable parameters.
 - Press the "MAIN PAGE" button and press the ENTER button.
- The main page returns.

**5 Press the SETUP button.**

- The setting is completed.
- To change other settings, begin from step 2.

Notes:

- During playback, "VIDEO SETUP" and "PREFERENCES" settings cannot be changed.
- Settings are stored even if the unit is set to the stand-by mode.
- The backup function protects the stored settings for a few hours should there be a power failure or the AC power lead disconnection.

Preparation for Use



continued)

Progressive-Scan

Connect it to the COMPONENT VIDEO OUT sockets of the DVD main unit (see page 9), you can select to progressive-scan.*

States default settings.)		Description
ANGLE MARK	ON* OFF	
SD LANG	ENGLISH* CHINESE	You can select the desired (On TV Screen Display) language for the setup menu or playback control screen.
SCREEN Saver	ON* OFF	A screensaver appears. The screensaver is disabled.
DIGITAL OUTPUT	RAW PCM*	● Highlight the AUDIO OUT option, and press the ◀, ▶, ▲ or ▼ button to choose the audio output mode you prefer. Press ENTER to confirm. ● RAW: Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable; When playing a disc recorded with Dolby Digital, DTS and MPEG audio formats, the corresponding digital signals will be output from the Coaxial Output socket. This Player's digital output sockets are designed for a connection to a Dolby Digital, DTS, or MPEG receiver or decoder. ● PCM: Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier; When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into 2-Channel PCM signal, and it will be output from the Coaxial Output socket.
D.R.C (*1)	FULL 6/8 4/8 2/8 OFF*	DYNAMIC RANGE: If adjusting to FULL, the audio signal peak value will be the minimum; whilst adjusting to OFF, maximum.
PCM OUTPUT	LPCM 48K* LPCM 96K	Select the sampling frequency at 48 kHz/16 bit or 96 kHz/24 bit capability.
		SHARP provide you the DivX registration code that allows you to rent and purchase videos using the DivX service. Please go to www.divx.com/vod for more information.



individual listening situation of the audience. This function can be used in DVD playback.
loud or inaudible during playback. Dolby Digital's dynamic range control allows you to adjust the sound



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(* indicates default settings.)		Description
SCREEN DISPLAY	4:3 PS* 4:3 LB 16:9	The screen mode should be set according to the connected TV type (for details, see page 23).
RESOLUTION	INTERLACE 576 P/480 P 720 P HDMI* 1080i HDMI	
AUDIO	ENGLISH* FRENCH SPANISH	Selects the language audible from the speakers.
SUBTITLE	ENGLISH* FRENCH SPANISH OFF	Selects the subtitle displayed on the TV screen.
DISC MENU	ENGLISH* FRENCH SPANISH	Selects the disc menu language.
PARENTAL	2 3 PG 4 PG 13 5 6 PG-R 7 NC-17 8 ADULT NO PARENTAL*	Sets a restriction level for DVD viewing (for details, see page 24). Enter a 4-digit password. It is set to 1234 by default.
PASSWORD	CHANGE	Change the password (for details, see page 24).
DEFAULTS	RESET	This resets all settings, except for PARENTAL and PASSWORD, to the factory defaults.
		The setting is completed.

Preparation for Use

22



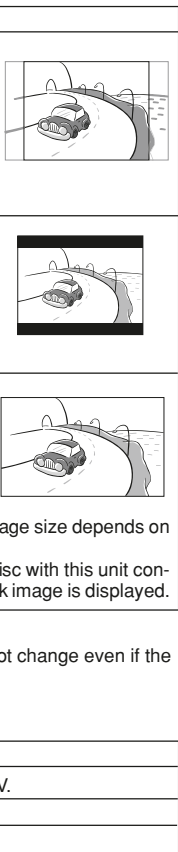
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continued)

■ Language setting



Indicator	Setting
OSD LANG	A language for screen display can be set for the setup menu, messages, etc. English DISC LOADING → Chinese DISQUE CHARGEMENT 读碟
AUDIO	A language for audio can be set. You can specify a language for conversation and narration. English Thank you → French Merci
SUBTITLE	A language for subtitle can be set. The subtitles are displayed in a specified language. English Thank you → French Merci
DISC MENU	A language for disc menus can be set. Menu screens are displayed in a specified language. English CAST STAFF → French ACTEURS PERSONNEL



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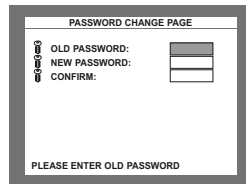
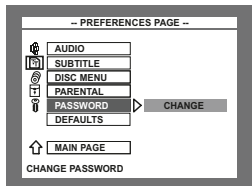




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■ Password setting

From the setup menu, select "PREFERENCES", "PASSWORD" and then "CHANGE". A screen appears.



- 1 Enter the old password using the direct number buttons.
- 2 Enter the new password using the direct number buttons.
- 3 Enter the new password again for confirmation.

Note:

When you forget your password, cancel the current password by pressing "3308" using the direct number buttons (0 - 9).

Preparation for Use





■ Adjusting the volume (only ANALOGUE)

Press the VOLUME + button to increase the volume and the VOLUME – button for decreasing.

<TV screen>



0 ↔ 1 ↔ 2 ↔ 16

■ Muting

The volume is muted temporarily when pressing the MUTE button on the remote control. Press again to restore the volume.

* TV screen display "MUTE" when press the "MUTE" button.



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VIDEO 2", etc.

■ Playback DVD SVCD CD JPEG DivX

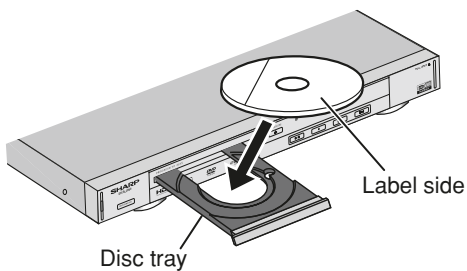
1 Press the ON/STAND-BY button to turn the power on.

2 "SHARP" startup screen appears on the TV screen.



3 Press the ▲ (OPEN/CLOSE) button to open the disc tray.

4 Place the disc on the disc tray, label side up.



Be sure to place 8 cm (3") discs in the middle of the disc position.

5 Press the ▲ (OPEN/CLOSE) button to close the disc tray.

Discs supporting auto start will start to play once you close the disc tray even if you do not press the ►/II (PLAY/PAUSE) button.

6 If playback does not start in step 5, press the ►/II (PLAY/PAUSE) button.

DV-SL2000W

DVD Operation





■ To resume playback after stopping (resume play) DVD CD SVCD VCD

You can resume playback from the point playback is stopped.

1 Whilst a disc is playing, press the ■ (STOP) button.

The system stores the point you stopped.



2 To restart play, press the ►/II (PLAY/PAUSE) button.

Play resumes from the point you stopped.

To cancel the resume playback:

Press the ■ (STOP) button twice.

Notes:

- The resume playback feature is disabled on some discs.
- Depending on the disc, playback may resume from slightly before the stopped position.

■ DVD mode operation indicators DVD

The following are examples of operation indicators that appear during DVD playback.

Operation	TV screen	Unit display
When the power is on without a disc	NO DISC	none
Disc data is being read	DISC LOADING	DVD ► LOAD
1st time Stop ■	PRESS PLAY TO CONTINUE	DVD ► 00:30 000(g18)
2nd time Stop	STOP	DVD ► STOP 000(g18)
Play	PLAY	DVD ► 00:12 000(g18)
Pause	PAUSE	DVD ■ 00:13 000(g18)



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DV-SL2000W

■ Fast forward/Fast backward (search)

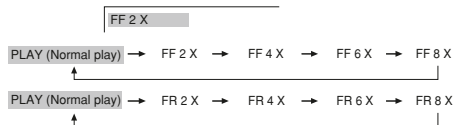
DVD SVCD VCD CD DivX

You can search the desired point as you play the disc.

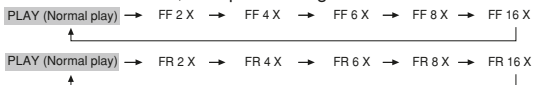
1 Whilst a disc is playing, press the ◀◀ or ▶▶ button.

Example: When the ▶▶ button is pressed

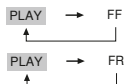
On DVD, the speed changes as follows:



On SVCD/VCD/DivX, the speed changes as follows:



On CD, the speed changes as follows:



The disc is forwarded by the ▶▶ button and backward by the ◀◀ button.

2 Press the ▶/⏸ (PLAY/PAUSE) button to return to the normal playback.

Notes:

- On some discs, the search function is disabled.
- On a DVD, search does not operate between titles.
- On SVCD, VCD and audio CD, the search can be operate between tracks.
- Whilst searching on a DVD, the sound is not heard and the subtitles do not appear.
- Whilst searching on an SVCD or a VCD, the sound is not heard.
- Audio CD disc sounds will break up during search. This is not a malfunction.
- When search is performed during the DVD playback, pictures may not be forwarded or reversed in the search speed specified in this manual, depending on the disc or the scene being played.
- The search does not operate on JPEG discs.



point

press the DIRECT

the ◀ or ▶ button using the

on after confirm.

To play by specifying time (time search):

You can play back from the desired point by specifying the time.

- 1 Whilst in the stop or playback mode, press the DIRECT button twice.**

TITLE 01/11 TIME : :

If the " : : " is not highlighted, press the ◀ or ▶ button repeatedly.

- 2 Specify the time with the DIRECT NUMBER buttons, and then press the ENTER button.**

TITLE 01/11 TIME 01:23:40

- To specify 1 hour 23 minutes and 40 seconds, enter "012340".
- If you enter the wrong number, start over from step 1.

Notes:

- Some discs cannot play from the specified point.
- Time search feature is disabled on some discs.



the current title and



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DV-SL2000W

■ Step function (Frame by frame advance Playback)

You can advance frame by frame.

1 Whilst a disc is playing, press the STEP button.

Each press of the STEP button advances the frame.

2 Press the ►/⏸ (PLAY/PAUSE) to return to the normal playback.

Notes:

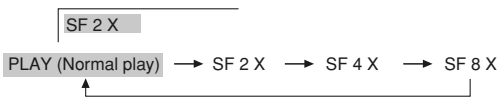
- Frame playback is operated forward only.
- Still picture and frame advance features are disabled on some discs.
- The sound is muted during step function.

■ Slow-motion play DVD SVCD VCD DivX

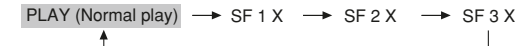
You can slow down the playback speed.

1 Whilst a disc is playing, press the SLOW button repeatedly to select the desired speed.

On DVD/DivX Video, the speed changes as follows:



On SVCD/VCD, the speed changes as follows:



2 Press the ►/⏸ (PLAY/PAUSE) button to return to the normal playback

Note: On some discs, the slow-motion play functions are disabled.

DVD Operation

30

PAUSE)

reen.



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■ To zoom images (zoom) DVD SVCD VCD JPEG DIVX

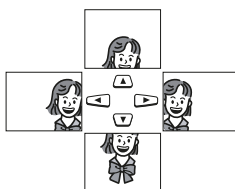
You can magnify images zoom in and zoom out during playback.

1 Whilst a disc is playing, press the ZOOM button.

Each press of the ZOOM button cycles through the zoom setting as follows:



2 To shift the view and display the desired part of a zoomed image, press the ▲, ▼, ◀ or ▶ button repeatedly.



To return to normal view:

Press the ZOOM button repeatedly to select "ZOOM OFF".

Notes:

- Images may become distorted when zoomed.
- Subtitles cannot be zoomed.
- For JPEG ZOOM function, please refer page 42 for details.
- Only "ZOOM X 2" is available for DivX file.

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DV-SL2000W

■ To play repeatedly (repeat play)

DVD SVCD VCD CD

You can play a chapter (track) or a title repeatedly by specifying it during playback. When playing SVCD or VCD, cancel the P.B.C. (playback control) (see page 38).

1 Whilst a disc is playing, press the REPEAT button to Repeat 1.

TV screen

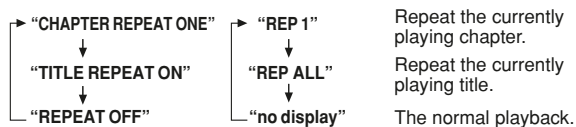
Unit display

"CHAPTER REPEAT ON"

REP 1

Each time the button is pressed, the repeat play mode changes in the following order.

The repeat play mode changes as follows on DVD:



The repeat play mode changes as follows on SVCD/VCD/audio CD:



2 To return to the normal playback, press the REPEAT button repeatedly to select "REPEAT OFF".

Caution:

After performing repeat play, be sure to press the ■ (STOP) button. Otherwise, the disc will play continuously.

Notes:

- On some discs, the repeat play function is disabled.
- For JPEG repeat playback, please refer page 41 for details.



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e specified

g it during playback.

button.

nit display

e end point (B).

nit display

e end point (B).

rmal playback.

■ To select a subtitle or audio language from the disc menu DVD

You can select the desired subtitle or audio language and sound system [Dolby Digital (5.1ch) or DTS sound] on your DVD if it has a disc menu.

- 1 Whilst in the stop or playback mode, press the MENU/PBC button to display the disc menu.

Example

Main Menu
1. Highlights
2. Start Movie

- 2 Press the ▲, ▼, ◀ or ▶ button to change the setting and press the ENTER button.

Or use the direct number buttons for some discs.

Note:

The procedure shown here provides only general steps. The actual procedure for using the disc menu depends on the disc. See the disc jacket for details.



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during playback
switch the input.
(page 20).

■ To change the subtitle language DVD SVCD

You can change the subtitle language or hide subtitles during playback.

Whilst a disc is playing, press the SUBTITLE button repeatedly to select the desired subtitle language.

SUBTITLE 01/05 ENGLISH

Notes:

- On some discs, the subtitle language cannot be changed.
- If no subtitles are recorded on the disc, "OFF" is displayed.
- It may take time to switch the subtitle language to the selected one.
- Subtitles cannot be hidden on some DVDs.

■ To change the audio language (audio output) DVD

During playback, you can change the audio language (audio output).

Whilst a disc is playing, press the AUDIO button repeatedly to select the desired audio number.

AUDIO 1/3 : AC -3 5.1 ENGLISH

You can select recorded languages.

→ AUDIO 1/3 : AC -3 5.1 ENGLISH
↓
AUDIO 2/3 : DTS 5.1 ENGLISH
⋮

Notes:

- On some discs, the audio language cannot be changed.
- For the audio language and audio system, refer to the manual of the disc.

DV-SL2000W

DVD Operation





DivX

To change the display on TV screen

DVD SVCD VCD CD DivX

You can display or hide the operation indicators on the TV screen.

Whilst a disc is playing, press the OSD button.
(The display is changed at each press.)

DVD:

Current title number Current chapter number

TITLE 02/05 CHAPTER 001 / 008
00:30:21
Total number of chapters
Total number of titles
Elapsed playback time for the current title

TITLE REMAIN
00:45:00
Remaining playback time for the current title

CHAPTER ELAPSE
00:01:23
Elapsed playback time for the current chapter

CHAPTER REMAIN
00:03:03
Remaining playback time for the current chapter

OFF

DivX®:

CHAPTER ELAPSE 00:05:21
Elapsed playback time for the current track

CHAPTER REMAIN 00:02:35
Remaining playback time for the current track

OFF

SVCD/VCD/Audio CD:

SINGLE ELAPSED
00:01:16
Elapsed playback time for the current track

SINGLE REMAIN
00:03:21
Remaining playback time for the current track

TOTAL ELAPSED
00:12:40
Total elapsed playback time for the disc

TOTAL REMAIN
00:48:54
Total remaining playback time for the disc

OFF

Note:

When P.B.C. is set to ON for SVCD or VCD, total elapsed playback time and total remaining playback time do not appear.

OSD button

pe

EL button

HDMI

mode.



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CD operation

DV-SL2000W

CD operations.

Page
28
28
30
30
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32
repeatedly
33
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34
37
35
39

■ Playback of a video CD (super video CD) with P.B.C. ON SVCD VCD

1 Press the MENU/PBC button with PBC ON.

The menu will appear on the TV and playback will be paused.

Example



2 Select the desired menu number using the DIRECT NUMBER buttons.

- Playback starts.
- After playback stops, the menu will reappear. Select the menu number to play.

To interrupt playback:

Press the ►/|| (PLAY/PAUSE) button.

To resume playback from the same point, press the ►/|| (PLAY/PAUSE) button.

To stop playback:

Press the ■ (STOP) button twice.

To stop the current operation and return to the menu:

Press the RETURN button.

To scroll the menu screen (menu screen with more than 1 page):

Press the ◀◀ or ▶▶ button.

The P.B.C. function will not work in the following conditions.

Repeat/programmed/direct play or the skip feature is in operation.

Notes:

- During disc initialisation, the volume cannot be adjusted.
- Subtitles and sounds on the super video CD can be switched (see page 34).
- The menu screen cannot be scrolled on some discs.
- During operate CD/VCD/SVCD disc in STOP condition, select track by ◀◀ or ▶▶ cannot be used.





CD operation (continued)

er automatically.

RANDOM button on the remote control to begin random play.

splay



II (PLAY/PAUSE) button.

DOM button for the second time.

splay



can move to the track selected next by the random operation. If you press the **I◀◀** button will
ng of the track being played will be located.

tracks automatically. (You cannot select the order of the tracks.)

C. play. Cancel the P.B.C. mode before using this function on a video CD with P.B.C.

s the **■** (STOP) button.

VCD

utton repeatedly to select the desired audio channel.

/CD:

EREO

」

CS.



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DV-SL2000W

■ To start playback from the desired point (direct play)

To select and play the desired track: **CD**

Cancel the P.B.C. (playback control).

Whilst in the stop or playback mode, press the DIRECT NUMBER buttons to select the track number.

TV screen

Unit display

SELECT: 14

0:00:31

Example:

To select track 14: Press "1" at track first digit and "4" at track second digit.

Notes:

- Direct play feature is disabled on some discs.
- Some discs cannot play from the specified point.

To play by specifying time (time search): **SVCD** **VCD** **CD**

Cancel the P.B.C. (playback control).

1 During playback, press the DIRECT button.

GO TO _:_

2 Specify the time with the DIRECT NUMBER buttons.

- Enter minutes and seconds.
- To specify 1 hour 23 minutes and 40 seconds, enter "8340".
- If you enter the wrong number, start over from step 1.

Notes:

- Time search feature is disabled on some discs.
- Time search feature is not available on JPEG discs.

To select and play the desired driver **DVD** **USB** **SD**

If USB or SD card memory device is plugged in the unit and disc (any type) is inside the DVD driver, you can select any driver to play.

1 Whilst in the stop mode, press the DIRECT button.

2 Choose driver by pressing the ▲ or ▼ button.

3 Press the ENTER button.



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■ To play in the desired order (programmed play)

CD VCD SVCD

You can playback the desired tracks in a specific order.
Maximum of 99 tracks can be programmed.

1 Whilst in the stop mode, press the PROG button.

TV screen

Unit display

2 Select the desired tracks by pressing the DIRECT NUMBER buttons, then press the ENTER button once.

PROGRAM P01:04

Program
Number

Track
Number

- Repeat the procedure above to enter other track numbers.
- If you enter the wrong number, press the CLEAR button.

3 Press the ►/II (PLAY/PAUSE) or ENTER button to start play.

To change the programmed contents:
Repeat the above procedures from step 1.

Programmed contents will be cleared when you perform the following operations:

- Press the ■ (STOP) button twice.
- Switch the input or remove the discs.
- Set to stand-by mode.

Notes:

- Programming is not possible whilst paused.
- Sequential programming does not work if the disc disables programming or does not have track information.
- During programmed play, repeat play can be performed by pressing the REPEAT button.

CD operations.

Page	
.....	26
.....	28
.....	28
.....	30
.....	30
.....	30
.....	31
.....	32
ody	33
.....	35

PAUSE
/II
NU/PBC



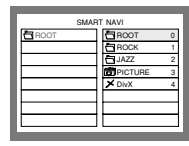
DV-SL2000W

■ **Playback on the DivX and JPEG menu screen** JPEG DivX

You can play CD-R/RW recorded in the DivX and JPEG formats.

1 Load a disc containing DivX and JPEG files, the menu screen appears.

- ... Indicates folders.
- ... Indicates JPEG data.
- ... Indicates DivX data.



2 Press the ▲, ▼, ◀ or ▶ button to select a folder or a track and press the ENTER.

- Playback starts when you select a track.
- When the format is JPEG, the next file is automatically displayed after a whilst.
- Using the direct number buttons, you can open file or folder directly.

Notes:

- Up to 11 characters can be displayed for a folder name and a track name. Underlines, asterisks, and spaces may not be displayed.
- Due to the structure of the disc information, it takes longer to read a JPEG or DivX disc than a normal CD.

CD, CD-R and CD-RW Operation





on (continued)



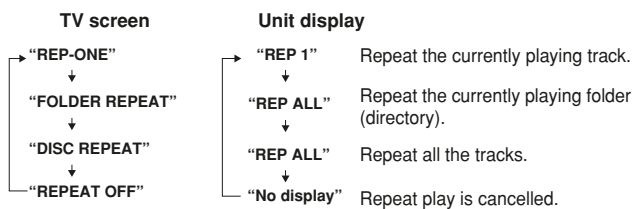
DOM



Repeat play on the DivX and JPEG menu screen:

Whilst a disc is playing, press the REPEAT button.

Each time the button is pressed, the repeat play mode changes in the following order.



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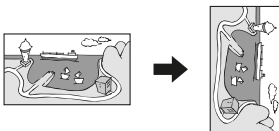
■ Rotating a picture JPEG

You can rotate images.

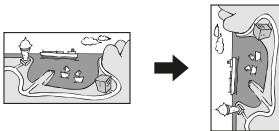
During playback, press the ▲, ▼, ◀ or ▶ button.

The image rotates as shown below.

▶ button : 90° rotation in a clockwise direction.



◀ button : 90° rotation in an anti-clockwise direction.



▲ button : Horizontal mirror image.



▼ button : Vertical mirror image.



Note:

If press the ◀ or ▶ button repeatedly, image rotates continuously.

CD, CD-R and CD-RW Operation





Device operation

Any device

and video formats.

al door.



Unit and the menu

Folder or a track

omatically displayed

open file or folder

te the JPEG picture

The following playback functions are the same as DVD or VCD operation.

	Page
Fast forward/Fast backward	28
Still picture	30
Step function	30
Slow-motion play	30
To play repeatedly (repeat play).....	32, 41
To zoom images (zoom)	31
To play the contents between the specified points repeatedly (A-B repeat)	33



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memory device

DV-SL2000W

or ■ button

the terminal.

Notes:

- SHARP will not be held liable for the loss of data whilst the USB memory device is connected to the audio system.
- This USB memory's format support FAT 16 or FAT 32.
- SHARP cannot guarantee that all USB memory devices will work on this audio system.
- This USB memory cannot be operated via USB hub.
- If recorded file is not displayed in "ROOT" menu, it means that this format is not supported.
- The USB terminal in this unit is not intended for a PC connection but is used for music, video and image streaming with a USB memory device.
- The larger the capacity of the USB storage device, the longer it will take for the data to be read.
- Some USB multi-reader devices may not work correctly with the USB terminal on this unit.
- External storage devices cannot be played back using the USB terminal on this unit.
- This unit only supports "MPEG-1 Audio Layer-3" format.
(Sampling Frequency is 32, 44.1, 48kHz)
"MPEG-2 Audio Layer-3", "MPEG-2.5 Audio Layer-3" and MP1, MP2 format are not supported.
- Playlists are not supported on this unit.
- The display playback time may not be displayed correctly when playing back a variable bitrate file.

USB and SD Memory Playback

44



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dtc



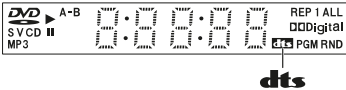
the sound quality is
n the home theatre

in DTS is played

■ DTS or Dolby Digital Surround

Enjoy DTS or Dolby Digital sound in 5.1 or 2-channel.

Whilst a disc is playing, press the AUDIO button repeatedly to select the desired listening mode.

5.1ch surround sound:	Unit display	TV screen
Example: DTS		

DIGITAL



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plifier/Digital Amplifier



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■ DVD player

Symptom	Possible cause
Even though a disc has been loaded, "NO DISC" is displayed. Playback sounds are skipped.	● Is the disc loaded upside down? ● Is the disc very dirty? ● Does the disc satisfy the standards? ● Is the unit located near excessive vibrations? ● Has condensation formed inside the unit?
The control buttons do not function. Music or video playback is interrupted.	● Is the disc very dirty? ● Does the disc satisfy the standards? ● Is the unit located near excessive vibrations? ● Has condensation formed inside the unit?
Pictures and sound are skipped.	● Is the disc very dirty? ● Is the unit located near excessive vibrations? ● Has condensation formed inside the unit?
The unit does not operate even if the power is on.	● Is a disc other than a DVD (region number on the back of the unit), SVCD, VCD, audio CD, CD-R or CD-RW loaded?
Image cannot be played back. (Sound is not heard.)	● Are the video and audio cables connected improperly? ● Is a disc other than a DVD (region number on the back of the unit), SVCD, VCD, audio CD, CD-R or CD-RW loaded? ● Is the disc very dirty? ● Is the disc loaded upside down? ● Clean the optical pickup if it is dirty. ● Is the TV input set to "VIDEO 1/VIDEO 2", etc.? ● Is the unit turned on?





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■ If trouble occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

If such a problem occurs, do the following:

- 1 Turn the unit power off and on again.
- 2 If the unit is not restored in the previous operation, unplug and plug in the unit, and then turn the power on.

■ Before transporting the unit

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the **▲ OPEN/CLOSE** button to open the disc tray.
Remove the disc inserted in the unit.
- 3 Press the **▲ OPEN/CLOSE** button to close the disc tray.
- 4 Press the ON/STAND-BY button to switch off, and then unplug the AC power lead from the wall socket.

■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet (laser pickup, etc.) or on the transmitter on the remote control.

Condensation can cause the unit to malfunction. If this happens, leave the power on with no disc in the unit until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the unit.



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DVD is not the
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Specifications

DV-SL2000W

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

● General

Power source	AC 110 - 240 V, 50/60 Hz
Power consumption	Power on: 15 W
Dimensions	Width: 430 mm (16-15/16") Height: 43 mm (1-11/16") Depth: 206 mm (8-7/64")
Weight	1.80 kg (3.97 lbs.)
Audio output terminals	Analogue output (OUT): RCA type x 1 pair (L/R)
Video output terminals	S-video output: S-terminal x 1, component (Y, Pb, Pr) Video output: RCA type x 1
Digital output terminal	COAXIAL
HDMI output terminal	HDMI socket

● DVD player

Signal system	PAL 625/50, NTSC 525/60	
Supported disc types	DVD (with the same region number on the back of the unit), SVCD, VCD, audio CD, CD-R, CD-RW, JPEG, DivX.	
Video signal	Horizontal resolution: 480 lines S/N ratio: 60 dB	
Audio signal	Frequency characteristics	Linear PCM DVD: 20 Hz to 22 kHz (+/- 1.0 dB) CD: 20 Hz to 20 kHz (+/- 1.0 dB)
	S/N ratio	CD: 80 dB (1 kHz)
	Dynamic range	Linear PCM DVD: 85 dB CD: 85 dB
	Total harmonic distortion ratio	0.1% maximum



display, transmission, public performance and rental (regardless of whether or not such
prohibited by law.
on technology that causes substantial degradation of images when the contents of a disc

e, if the contents of the DVD disc are copied using a VCR, the copy protection code
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technology that is protected by method claims of certain U.S. patents and other intellectual
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f Digital Theater Systems, Inc.

atories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.



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SHARP CORPORATION



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